

**Complete if Known**

Application Number	09/976,746
Filing Date	October 12, 2001
First Named Inventor	McDONALD, Michael A., et al.
Group Art Unit	1614 1616
Examiner Name	Not yet assigned. HARTLEY
Attorney Docket Number	004367.00005

*(use as many sheets as necessary)*

Sheet 1 of 5

Attorney Docket Number	004367.00005
------------------------	--------------

U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner  
Signature**

Date Considered

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**














(use as many sheets as necessary)

Sheet 2 of 5

**Complete if Known**

Application Number	09/976,746
Filing Date	October 12, 2001
First Named Inventor	McDONALD, Michael A., et al.
Group Art Unit	1614 1616
Examiner Name	Not yet assigned.
Attorney Docket Number	004367.00005

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Allen, et al., "Shell Waves and Acoustic Scattering from Ultrasound Contrast Agents," <i>IEEE Transactions On Ultrasonics, Ferroelectrics, And Frequency Control</i> , Vol. 48, No. 2: 409-418 (March 2001)	
		Barnhart, et al., "Characteristics of Albunex: Air-Filled Albumin Microspheres For Echocardiography Contrast Enhancement," <i>Investigative Radiology</i> , Vol. 2, Suppl. 1: S162-S164 (September 1990)	
		Bean and Livingston, "Superparamagnetism," <i>Journal of Applied Physics</i> , Supplement to Vol. 30, No. 4: 120S-129S (April 1959)	
		Bleeker, et al., "Ultrasonic Characterization Of Albunex®, A New Contrast Agent," <i>Journal of the Acoustical Society of America</i> , Vol. 87, No. 4: 1792-1797, (April 1990)	
		Bloem and Wondergem, "Gd-DTPA as a Contrast Agent in CT," <i>Radiology</i> , Vol. 171, No. 2: 578-579 (1989)	
		Bosquet, et al., "Gd-DOTA: Characterization Of A New Paramagnetic Complex" <i>Radiology</i> , Vol. 166, No. 3: 693-698 (March 1988)	
		Burnett, et al., "Gadolinium Oxide: A prototype Agent For Contrast Enhanced Imaging Of The Liver And Spleen With Magnetic Resonance," <i>Magnetic Resonance Imaging</i> , Vol. 3, No. 1: 65-71 (1985)	
		Burton, et al., "Proton Relaxation Enhancement (PRE) In Biochemistry: A Critical Survey," <i>Progress In NMR Spectroscopy</i> , Vol. 13: 1-45 (1979);	
		Chang, et al., "Second Harmonic Imaging And Harmonic Doppler Measurements With Albunex®," <i>IEEE Transactions On Ultrasonics, Ferroelectrics, And Frequency Control</i> , Vol. 42, No. 5: 1020-1027, (November 1995);	
		Chin and Burns, "Predicting The Acoustic Response Of A Microbubble Population For Contrast Imaging In Medical Ultrasound," <i>Ultrasound in Med. &amp; Biol.</i> , Vol. 26, No. 8: 1293-1300, (2000);	
		Church, "The Effects Of An Elastic Solid Surface Layer On The Radial Pulsations of Gas Bubbles," <i>Journal of Acoustical Society of America</i> , Vol. 97, No. 3: 1510-1512 (1995);	
		Daly, et al., "MR Image Time-Intensity Relations In Spleen And Kidney: A Comparative Study of GdDTPA, Albumin-(GdDTPA), and Gd <sub>2</sub> O <sub>3</sub> Colloid," <i>American Journal of Physiologic Imaging</i> , 5: 119-124 (1990);	
		Dayton, et al., "A Preliminary Evaluation of the Effects of Primary and Secondary Radiation Forces On Acoustic Contrast Agents," <i>IEEE Transactions On Ultrasonics, Ferroelectrics, And Frequency Control</i> , Vol. 44, No. 6: 1264-1277 (November 1997);	

Examiner Signature		Date Considered	7/20/2003
--------------------	-------------------------------------------------------------------------------------	-----------------	-----------

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**














(use as many sheets as necessary)

Sheet 3 of 5

**Complete if Known**

Application Number	09/976,746
Filing Date	October 12, 2001
First Named Inventor	McDONALD, Michael A., et al.
Group Art Unit	<del>1614</del> 1616
Examiner Name	Not yet assigned.
Attorney Docket Number	004367.00005

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

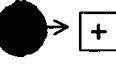
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Dayton, et al., "Optical and Acoustical Observations of the Effects of Ultrasound on Contrast Agents," <u>IEEE Transactions On Ultrasonics, Ferroelectrics, And Frequency Control</u> , Vol. 46, No. 1: 220-232 (January 1999);	
		de Jong, et al., "Absorption And Scatter Of Encapsulated Gas Filled Microspheres: Theoretical Considerations And Some Measurements," <u>Ultrasonics</u> , Vol. 30, No. 2: 95-103 (1992);	
		de Jong, et al., "Higher Harmonics Of Vibrating Gas-Filled Microspheres. Part One: Simulations," <u>Ultrasonics</u> , Vol. 32, No. 6, 447-453 (1994);	
		de Jong, et al., "Ultrasound Scattering Properties of Albunex Microspheres," <u>Ultrasonics</u> , Vol. 31, No. 3: 175-181 (1993);	
		Forsberg, et al., "Quantitative Acoustic Characterization of A New Surfactant-Based Ultrasound Contrast Agent," <u>Ultrasound in Med. &amp; Biol.</u> , Vol. 23, No. 8: 1201-1208 (1997);	
		Forsberg, et al., "In Vio Evaluation of a New Contrast Agent," <u>Proceeding of 1994 IEEE Ultrasonic Symposium</u> , 1555-58 (1994);	
		Frinking, et al., "Ultrasound Contrast Imaging; Current And New Potential Methods," <u>Ultrasound in Med. &amp; Biol.</u> , Vol. 26, No. 6: 965-975 (2000);	
		Gierada and Bae, "Gadolinium As A CT Contrast Agent: Assessment In A Porcine Model," <u>Radiology</u> , 210: 829-834 (1999);	
		Goldberg, "Ultrasound Contrast Agents," <u>Clin. Diag. Ultrasound</u> , 28: 35-45 (1993);	
		Hall, et al., "Experimental Determination Of Phase Velocity Of Perfluorocarbons: Applications To Targeted Contrast Agents), <u>IEEE Transactions On Ultrasonics, Ferroelectrics, And Frequency Control</u> , Vol. 47, No. 1: 75-84 (2000);	
		Havron, et al., "Heavy Metal Particulate Contrast Materials For Computed Tomography Of The Liver," <u>Journal of Computer Assisted Tomography</u> , Vol. 4, No. 5: 642-648 (October 1980);	
		Kimura, et al., "Preparation and Characterization of Echogenic Liposome as an Ultrasound Contrast Agent," <u>Chem. Pharm. Bull.</u> , Vol. 46, No. 10) 1493-96 (1998);	
		Lazewatsky, et al., "The Effect of Dilution Medium On The Measurement of In-Vitro Properties of Ultrasound Contrast Agents," <u>IEEE Ultrasonics Symposium</u> , 1737-1742 (1999);	

Examiner Signature 	Date Considered 
--------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this 

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

4

of

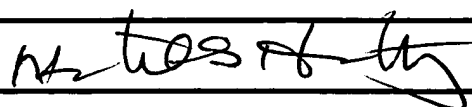
5

**C mplete if Known**

Application Number	09/976,746
Filing Date	October 12, 2001
First Named Inventor	McDONALD, Michael A., et al.
Group Art Unit	1616
Examiner Name	Not yet assigned.
Attorney Docket Number	004367.00005

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
A		Madsen, "Method Of Determination Of Acoustic Backscatter And Attenuation Coefficients Independent Of Depth And Instrumentation, <i>Ultrasonic Scattering in Biological Tissue</i> , (1993);	
P		Manry and Broschat, "FDTD Simulations for Ultrasound Propagation In A 2-D Breast Model," <i>Ultrason, Imaging</i> 18, 25-34 (1996);	
O		Mast, et al., "Simulation of Ultrasonic Pulse Propagation Through The Abdominal Wall," <i>Journal of Acoustical Society of America</i> , Vol. 102, No. 2: 1177-1190 (1997);	
O		Mattrey and Long, "Potential Role Of PFOB In Diagnostic Imaging," <i>Invest Radiol</i> , 23(Suppl 1): S298-S301 (1988);	
O		Mattrey, "Perfluorooctylbromide: A New Contrast Agent for CT, Sonography, and MR Imaging," <i>AJR</i> 152: 247-252 (1989);	
O		Medwin, "Counting Bubbles Acoustically: A Review," <i>Ultrasonics</i> , (1977);	
O		Morgan, et al., "Changes in The Echoes From Ultrasonic Contrast Agents With Imaging Parameters," <i>IEEE Transactions On Ultrasonics, Ferroelectrics, And Frequency Control</i> , Vol. 45, No. 6: 1537-1548 (November 1998);	
O		Morgan, et al., "Experimental And Theoretical Evaluation Of Microbubble Behavior: Effect Of Transmitted Phase And Bubble Size," <i>IEEE Transactions On Ultrasonics, Ferroelectrics, And Frequency Control</i> , Vo. 47, No. 6: 1494-1509 (November 2000);	
O		Niesman, et al., "Liposome Encapsulated MgCl as Liver Specific Contrast Agent for Magnetic Resonance Imaging," <i>Investigative Radiology</i> , 25: 545-51 (1990);	
O		Quinn, et al., "Gd-DTPA: An Alternative Contrast Medium For CT," <i>Journal of Computer Assisted Tomography</i> , Vol. 18, No. 4: 634-636 (July/August 1994);	
O		Sarkar and Prosperetti, "Coherent And Incoherent Scattering By Oceanic Bubbles," <i>Journal of Acoustical Society of America</i> , Vol. 96: 332-341 (1994);	
O		Sarkar and Prosperetti, "Backscattering Of Underwater Noise By Bubble Clouds," <i>Journal of Acoustical Society of America</i> , Vol. 93: 3128-3138 (1993);	
O		Sarkar, et al., "Numerical Simulation Of Separated Cavitation Behind A Sphere," <i>ASME Cavitation Multiphase Flow Forum</i> , Vol. 1, FED-236, 479-484 (1996);	
O		Sarkar, et al., "Three Dimensional Numerical Simulation Of Bubble-Vortical Flow Interaction," <i>ASME Cavitation Multiphase Flow Forum</i> , FED-210, 135-143; (1995).	

Examiner  
SignatureDate  
Considered

7/20/2003

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

5

of














5

**Compleat if Kn wn**

Application Number	09/976,746
Filing Date	October 12, 2001
First Named Inventor	McDONALD, Michael A., et al.
Group Art Unit	1614 1616
Examiner Name	Not yet assigned.
Attorney Docket Number	004367.00005

JAN 14 2002

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Sarkar & Schowalter, "Deformation Of A Two-Dimensional Drop At Non-Zero Reynolds Number In Time-Periodic Extensional Flows: Numerical Simulation," <i>Journal of Fluid Mechanics</i> , accepted (2001);	
		Sarkar & Schowalter, "Deformation Of A Two-Dimensional Viscous Drop In Time-Periodic Extensional Flows: Analytical Treatment," <i>Journal of Fluid Mechanics</i> , accepted (2001);	
		Sarkar & Schowalter, "Deformation Of A Two-Dimensional Viscoelastic Drop At Non-Zero Reynolds Number In Time-Periodic Extensional Flows," <i>Journal of Non-Newtonian Fluid Mechanics</i> , Vol. 95: 315-342 (2000);	
		Sboros, et al., "An <i>In Vitro</i> Comparison of Ultrasonic Contrast Agents In Solutions With Varying Air Levels," <i>Ultrasound in Med. &amp; Biol.</i> , Vol. 26, No. 5: 807-818 (2000);	
		Schlieff, "Echo-Enhancing Agents: Their Physics And Pharmacology," <i>Advances In Echo Imaging Using Contrast Enhancement</i> , 2d ed. 85-112 (1997);	
		Seltzer, et al., "Hepatic Contrast Agents For Computed Tomography: High Atomic Number Particulate Material," <i>Journal of Computer Assisted Tomography</i> , Vol. 5, No. 3: 370-374 (June 1981);	
		Thakur, et al., "MR Imaging Of Pulmonary Parenchyma And Emboli By Paramagnetic And Superparamagnetic Contrast Agents," <i>Magnetic Resonance Imaging</i> , Vol. 8: 625-630 (1990);	
		Tokumitsu, et al., "Preparation of Gadopentetic Acid-Loaded Chitosan Microparticles for Gadolinium Neutron-Capture Therapy of Cancer By A Novel Emulsion-Droplet Coalescence Technique," <i>Chem. Pharm. Bulletin</i> , Vol. 47, No. 6: 838-842 (1999);	
		Widder, et al., "Magnetite Albumin Suspension: A Superparamagnetic Oral MR Contrast Agent," <i>AJR</i> , 149: 839-843 (October 1987);	
		Wider, et al., "Magnetite Albumin Microspheres: A New MR Contrast Material," <i>AJR</i> 148:399-404, (February 1987);	
		Ye, "On Sound Scattering And Attenuation of Alunex® Bubbles," <i>Journal of the Acoustical Society of America</i> , Vol. 100, No. 4, Part 1: 2011-2028 (October 1996);	
		Yee, "Numerical Solution of Initial Boundary Value Problems Involving Maxwell's Equations in Isotropic Media," <i>IEEE Trans. Antennas Prop.</i> , 14(8) 302-07 (1966);	
		Zolle, et al., "Preparation Of Metabolizable Radioactive Human Serum Albumin Microspheres For Studies Of The Circulation," <i>International Journal of Applied Radiation And Isotopes</i> , Vol. 21: 155-167 (1970);	

Examiner  
SignatureDate  
Considered

7/20/2003

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

+

Approved for use through 10/31/2002. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**Complete if Known**

Application Number	09/976,746
Filing Date	October 12, 2001
First Named Inventor	McDONALD, Michael A., et al.
Group Art Unit	<del>1614</del> 1616
Examiner Name	<u>Not yet assigned</u> Hartl
Attorney Docket Number	004367.00005

(use as many sheets as necessary)

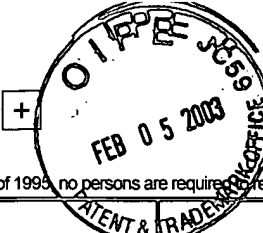
Sheet	1	of	2
-------	---	----	---

[illegible][illegible]Date  
-Considered

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	09/976,746
		Filing Date	October 12, 2001
		First Named Inventor	McDONALD, Michael A., et al.
		Group Art Unit	1616
		Examiner Name	Not yet assigned - HARTLEY
Sheet 2 of 2	Attorney Docket Number	004367.00005	

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
ef		ZHOU R., et al.: "Bopharmaceutics of Boronated Radiosensitizers: Liposomal Formulation of MNBOPP (Manganese Chelate of 2, 4-(Alpha, Beta-Dihydroxyethyl) Deuterioporphyrin IX) and Comparative Toxicity in Mice"; <i>Journal of Pharmaceutical Sciences</i> , American Pharmaceutical Association. Washington, US, Vol. 88, no. 9, September 1999, pages 912-917	TECH CENTER 1600/2900 FEB 10 2003
A		BEALL, P. et al., "Hydrogels As Oral NMR Contrast Agents and Phantom Materials", <i>Magnetic Resonance Imaging</i> , Tarrytown, NY, US, March 22, 1985, page 188.	
0		TUNCAY, M., et al., "In Vitro and In Vivo Evaluation of Diclofenac Sodium Loaded Albumin Microspheres.", <i>Journal of Microencapsulation</i> , Vo. 17, no. 2, March 2000, pages 145-155.	
0		BROWN, M., et al., "Transition Metal Chelate Complexes as Relaxation Modifiers in NMR", <i>Medical Physics</i> , vol. 11, no. 1, 1984, pages 67-72.	
0		WOLF, G., et al., "Time Intensity Relations in Spleen with 3 MR Contrast Agents", <i>Magnetic Resonance Imaging</i> , vo. 7, no. Suppl. 1, 1989, page 19.	
0		KOSTLER, W., et al., "Correlation of Time and Temperature Dependence of the Luminescence of Rare Earth Activated (Y, Gd)-20-3.", <i>Nuclear Tracks and Radiation Measurements</i> , vol. 21, no. 1, 1993, pages 135-138. International Symposium on Luminescent Detectors and Transformers of Ionizing Radiation; Riga; Latvia; October 9-12, 1991.	

RECEIVED

Examiner Signature		Date Considered	7/20/2003
--------------------	--	-----------------	-----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.